

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) A process for the cleaning of components on a plurality of printing press rollers, comprising:

removing printing ink from a blade chamber and supplying the blade chamber with a cleaning solvent;

interrupting communication between a first roller and a remainder of the plurality of rollers;

rotating the first roller to transfer the solvent from the blade chamber onto the first roller components that are to be cleaned by removing ink therefrom and to transfer the removed ink and solvent from ~~the~~ a cleaned roller to the blade chamber; and

successively establishing communication between the cleaned roller and an adjoining roller of the plurality of rollers, rotating the cleaned roller and the adjoining roller to transfer the solvent from the blade chamber onto the rotating rollers to remove ink from the adjoining roller and to transfer the removed ink and solvent from the cleaned adjoining roller to the blade chamber until all of the rollers are cleaned.

2. (Canceled)

3. (Previously presented) The process in accordance with claim 1 wherein the solvent is continuously circulated inside the blade chamber.

4. (Previously presented) The process in accordance with claim 3 wherein a portion of the solvent is suctioned from the blade chamber via a discharge line and a portion of the discharged solvent and/or a non-contaminated solvent is fed to the blade chamber via a feed line.

5. (Previously presented) The process in accordance with claim 1 wherein the first roller is in direct communication with the blade chamber and is maintained in constant rotation for its cleaning and in constant contact with the solvent contained in the blade chamber.

6. (Previously presented) The process in accordance with claim 1 wherein the rollers rotate with a same circumferential speed.

7. (Previously presented) The process in accordance with claim 1 wherein during the cleaning process a distance between adjoining rollers is less than a distance between the adjoining rollers during a printing operation.

8. (Currently amended) The process in accordance with claim 1 wherein a rotational direction of the ~~rollers~~ cleaned roller and the adjoining roller is reversed at least once.

9. (Currently amended) ~~Control equipment for automatically operating~~ A printing machine comprising a control apparatus for automatically implementing the process in accordance with claim 1.

10. (Currently amended) The ~~control equipment~~ printing machine according to claim 9, ~~further comprising equipment to interrupt the automatic operation and enable manual control of the process wherein the control apparatus allows manual intervention during the cleaning process.~~

11. (Previously presented) The process according to claim 1, wherein the step of cleaning the components includes diluting ink and/or dissolving dried residual ink.

12. (Previously presented) The process according to claim 1, wherein the first roller is an anilox roller and the adjoining roller is a printing plate roller.

13. (Previously presented) The process according to claim 1, wherein the step of interrupting communication between the first

roller and a remainder of the rollers includes separating the first roller from contact with the adjoining roller such that only the first roller rotates.

14. (Previously presented) The process according to claim 1, wherein the step of establishing communication between the cleaned roller and an adjoining roller includes contacting the cleaned roller with the adjoining roller such that the cleaned roller and the adjoining roller rotate simultaneously.

15. (Currently amended) A process for cleaning rollers positioned in a printing press, comprising:

supplying a cleaning solvent to a blade chamber;

interrupting communication between a first roller and an adjoining second roller;

rotating the first roller to transfer the solvent from the blade chamber onto the first roller so as to clean material therefrom, and to transfer used solvent that includes the material removed from ~~the~~ a cleaned roller to the blade chamber;

establishing communication between the cleaned roller and the second roller so as to rotate both the cleaned roller and the second roller to transfer the solvent from the blade chamber onto the rotating rollers to clean material from the second roller, and to transfer used solvent that includes at least the material removed from the second roller to the blade chamber.

16. (Previously presented) The process according to claim 15, wherein a plurality of the rollers is successively cleaned.

17. (Currently amended) The process according to claim 16, ~~wherein the plurality of rollers all rotate simultaneously to clean~~ further comprising a step of cleaning a final roller by simultaneously rotating the plurality of rollers.

18. (Previously presented) The process according to claim 15, wherein the first roller and the second roller each rotate in a direction opposite to a printing mode direction of roller rotation.

19. (Previously presented) The process according to claim 15, wherein the step of cleaning the first roller includes continuously withdrawing used solvent from the blade chamber and supplying fresh solvent to the blade chamber so as to maximize an amount of the material removed from the first roller.

20. (Previously presented) The process according to claim 15, further comprising before the step of cleaning the second roller a step of positioning the first roller closer to the second roller than the first and second rollers are positioned during a printing operation.

21. (Currently amended) The process according to claim 15,
further comprising a step of reversing a rotational direction of
each of the ~~rollers~~ cleaned roller and the adjoining roller at
least once ~~during the cleaning of each roller~~.